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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/15/2008

McDermott Will & Emery 600 13th Street N W Washington, DC 20005-3096

EXAMINER

ARENA, ANDREW OWENS

ART UNIT PAPER NUMBER

2811

DATE MAILED: 09/15/2008

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/500,975	07/08/2004	Chihiro Kawai	50389-052	3373	

TITLE OF INVENTION: POROUS-UV-EMITTING SEMICONDUCTOR ON POROUS SUBSTRATE AS STERILIZING FILTER MADE BY

FILTERING SUSPENDED SEMICONDUCTOR PARTICLES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	12/15/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifical	correspondence including ed below or directed other tions.	ng the Patent, advance of herwise in Block 1, by	orders and notification of (a) specifying a new corre	maintenance fees w spondence address;	ill be and/or	mailed to the current (b) indicating a sepa	correspondence address as trate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mus have its own certificate of mailing or transmission.			
	7590 09/15	/2008		Cer	tificate	of Mailing or Trans	mission
McDermott Wi 600 13th Street N Washington, DC	N W		I h Sta add trar	ereby certify that th tes Postal Service w dressed to the Mail asmitted to the USP	is Fee(ith suf Stop ΓΟ (57	s) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the d	deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.
							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	₹	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/500,975	07/08/2004		Chihiro Kawai			50389-052	3373
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nonprovisional	NO	\$1440	\$300	\$0		\$1740	12/15/2008
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
ARENA, AND	REW OWENS	2811	257-102000	_			
☐ "Fee Address" ind PTO/SB/47; Rev 03-0 Number is required.		' Indication form ed. Use of a Customer	(1) the names of up to or agents OR, alternation (2) the name of a sing registered attorney or 2 registered patent att listed, no name will be	le firm (having as a agent) and the nam orneys or agents. If printed.	memb es of u	er a 2 p to	
PLEASE NOTE: Unl	less an assignee is identi h in 37 CFR 3.11. Comp	ified below, no assignee	THE PATENT (print or ty e data will appear on the p DT a substitute for filing an (B) RESIDENCE: (CIT	patent. If an assignassignment.			ocument has been filed for
Please check the appropr	iate assignee category or	categories (will not be p	printed on the patent):	Individual 🖵 Co	rporati	on or other private gro	oup entity 🔲 Government
'	are submitted: Jo small entity discount p # of Copies	permitted)	Hb. Payment of Fee(s): (Ple A check is enclosed. Payment by credit ca The Director is hereb overpayment, to Depo	rd. Form PTO-2038 v authorized to char	is atta	ched.	
a. Applicant claim	tus (from status indicated s SMALL ENTITY statu	is. See 37 CFR 1.27.	☐ b. Applicant is no lor				
NOTE: The Issue Fee and interest as shown by the i	d Publication Fee (if requeecords of the United Sta	uired) will not be accept tes Patent and Trademar	ed from anyone other than k Office.	the applicant; a regi	stered a	nttorney or agent; or th	e assignee or other party in
Authorized Signature				Date			
	e		Registration No.				
This collection of inform an application. Confident submitting the complete his form and/or suggesti Box 1450. Alexandria, V	ation is required by 37 C tiality is governed by 35 d application form to the tons for reducing this but irginia 22313-1450. DC	FR 1.311. The informat: U.S.C. 122 and 37 CFR USPTO. Time will var den, should be sent to the NOT SEND FEES OR	ion is required to obtain or k 1.14. This collection is es y depending upon the indi he Chief Information Offic COMPLETED FORMS T	retain a benefit by t timated to take 12 r vidual case. Any co er, U.S. Patent and O THIS ADDRESS	he publ ninutes mment Traden S. SENI	ic which is to file (and to complete, includin s on the amount of tin nark Office, U.S. Depa D TO: Commissioner	by the USPTO to process) g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/500,975	07/08/2004	Chihiro Kawai	50389-052 3373		
75	7590 09/15/2008		EXAMINER		
McDermott Will	& Emery		ARENA, ANDREW OWENS		
600 13th Street N V	W		ART UNIT	PAPER NUMBER	
Washington, DC 20005-3096			2811		
			DATE MAILED: 09/15/200	8	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 244 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 244 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
Nation of Allowability	10/500,975	KAWAI ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Andrew O. Arena	2811	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	(OR REMAINS) CLOSED) or other appropriate comn RIGHTS. This application is	in this application. If not included nunication will be mailed in due course	
1. This communication is responsive to the after-final amend	<u>lment filed 08/01/2008</u> .		
2. ☑ The allowed claim(s) is/are <u>29-37 and 39-61</u> .			
 3. Acknowledgment is made of a claim for foreign priority u a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents 	e been received. e been received in Applicat	ion No	om the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		le a reply complying with the requirem	ents
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv			E OF
5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.		
(a) including changes required by the Notice of Draftsper	son's Patent Drawing Revi	ew (PTO-948) attached	
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date			
(b) ☐ including changes required by the attached ExaminerPaper No./Mail Date	's Amendment / Comment	or in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			of
 DEPOSIT OF and/or INFORMATION about the depo- attached Examiner's comment regarding REQUIREMENT 			e
Attachment(s)	E □ Notice of	nformal Detant Application	
 Notice of References Cited (PTO-892) Dotice of Draftperson's Patent Drawing Review (PTO-948) 		nformal Patent Application Summary (PTO-413),	
	Paper No	./Mail Date	
 Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 	/. ∐ Examiner'	s Amendment/Comment	
4. Examiner's Comment Regarding Requirement for Deposit	8. 🗌 Examiner'	s Statement of Reasons for Allowance)
of Biological Material	9. 🗌 Other		
/Andrew O. Arena/	/Lynne A. Gu	ley/	
Examiner, Art Unit 2811 10 September 2008	Supervisory P	atent Examiner, Art Unit 2811	